

Listing of the Claims:

Claims 79-89 (canceled)

Claims 90 (New): A method for lavaging a human breast duct, said method comprising; inserting a distal end of a catheter through a ductal orifice and into a distal lumen of a duct or ductal network; said catheter comprising a proximal end and a distal end, and an internal lumen extending between said proximal and distal ends, said distal end including an opening for delivering lavage fluid within said duct and receiving fluid from within the duct; and a manifold hub in fluid communication with said catheter, said manifold hub comprising a distal end having a first port for infusing fluids into said hub and a second port for collecting fluid from within said hub; infusing a lavage fluid through said first port and into said hub; infusing lavage fluid from said hub into the duct or ductal network through said internal lumen of said catheter; withdrawing the lavage fluid and substances borne by the lavage fluid from the duct or ductal network through the same said lumen of said catheter and into said hub; and delivering said lavage fluid into a collection device through said second port of said hub.

Claim 91 (New): The method according to claim 90 wherein the step of infusing the lavage fluid includes the step of applying a positive infusion pressure within the internal lumen.

Claim 92 (New): The method according to claim 91 wherein the positive pressure is applied by a syringe.

Claim 93 (New): The method according to claim 90 wherein the step of infusing the lavage fluid includes the step of applying a positive infusion pressure within the hub.

Claim 94 (New): The method according to claim 93 wherein the positive pressure is applied by a syringe.

Claim 95 (New): The method of claim 90 wherein the step of withdrawing the lavage fluid and substances includes the step of applying negative pressure within the internal lumen.

Claim 96 (New): The method according to claim 95 wherein the negative pressure is applied by a collection device.

Claim 97 (New): The method according to claim 96 wherein the collection device is a syringe.

Claim 98 (New): The method of claim 90 wherein the step of withdrawing the lavage fluid and substances includes the step of applying negative pressure within the hub.

Claim 99 (New): The method according to claim 98 wherein the negative pressure is applied by a collection device.